

Respond to Alarms at TFMCS HMI Stations

Tank Farm Alarm Response Procedure
TANK FARMS

This procedure is past its PERIODIC REVIEW DATE
Click on Justification Coversheet and Fill Out before using

USQ # GCX-2

CHANGE HISTORY (≤ LAST 5 REV-MODS)			
Rev-Mod	Release Date	Justification	Summary of Changes
C-3	02/22/2013	Operations request.	Changed position title IH&S org.
C-2	02/21/2013	DSA Implementation	Added new LCOs.
C-1	08/15/2011	Operations/Engineering request	Made general changes to address upgrade of system to the new ABB Controller and associated software modifications.

Next Periodic Review Date - 02/01/2013
[Click for copy of Word \(native\) file](#)

TFMCS HMI Station Alarms

Alarm Description	Color	Page
Pit Leak Detector Leak Alarm.....	RED.....	3
Encasement Leak Detector Leak Alarm.....	RED.....	4
Leak Detector Fail Alarm.....	RED.....	5
Tank Level High Alarm.....	RED.....	6
Tank Level Low Alarm	RED.....	7
Lg Pressure Alarm.....	RED.....	8
High Pressure Alarm.....	RED.....	9
Primary Tank Leak Detection (Annulus CAM Leak Alarm).....	RED.....	10
Primary Tank Leak Detection (Annulus CAM Failure).....	RED.....	11
Enclosure Temperature High High Alarm.....	RED.....	12
HEPA Filter High Pressure Alarm.....	RED.....	13
HEPA Filter Low Pressure Alarm	RED.....	14
Leak Detection Pit Low Level Alarm.....	RED.....	15
Leak Detection Pit High Level Alarm.....	RED.....	16
Annulus Exhaust Ventilation Header High Pressure Alarm.....	RED.....	17
Annulus Exhaust Ventilation Header Low Pressure Alarm	RED.....	19

Type CONTINUOUS	Document No. ARP-T-041-00002	Rev/Mod C-3	Release Date 02/22/2013	Page 1 of 30
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Annulus Exhaust Stack Low Flow Alarm.....	RED.....	20
Power Supply Failure Alarm (JAX)	RED.....	21
Object Error.....	RED.....	22
System Alarms.....	WHITE.....	23
XSite Encasement Leak Detector.....	RED.....	24
System Alarm NOT Specifically Addressed.....	RED.....	25
Table 1 – Pit Leak Detectors.....		26
Table 2 – Encasement Leak Detectors		26
Table 3 - Ganged Relays.....		26
Table 4 – Tank Pressure Sources		27
Table 5 - System Alarm Table for ABB Services.....		28
Table 6 – ABB Power Supplies in PLC and input/output cabinet.....		30

RECORDS

No records are generated during the performance of this procedure.